



WEEKLY SUMMARY REPORT

PROJECT NO.:	2476.0001Y002	WEEKLY REPORTING PERIOD: Monday March 13, 2017 through Sunday March 19, 2017
PROJECT:	CFAC Phase I Site Characterization	
LOCATION:	Near Columbia Falls, Montana	

SUMMARY OF WORK COMPLETED

- Round 3 of Surface Water Sampling
 - Roux Associates began Round 3 of surface water sampling. A total of thirteen (13) surface water samples were collected. Roux Associates completed surface water sampling from all locations in Cedar Creek (CFSWP-014, 015, 016, 025) and the Backwater Seep Sampling Area (CFSWP-003, 004, 005). Additionally, the following surface water samples were collected: CFSWP-013 and 010 in the Cedar Creek Reservoir Overflow Ditch, CFSWP-021 in the Northern Surface Water Feature, CFSWP-020 in the South Percolation Ponds, and CFSWP-006 and 007 at the Flathead River.
 - Five (5) surface water locations were determined to be dry or have insufficient water levels to be sampled, including two (2) locations in the South Percolation ponds (CFSWP-018, 019); one (1) location in the Northern Surface Water Feature (CFSWP-022); and three (3) locations in Cedar Creek Reservoir Overflow Ditch (CFSWP-009, 011, 012).
 - Four (4) surface water samples in the Flathead River (CFSWP-001, 002, 008, 017) were not able to be collected due to unsafe river conditions during the pre-sampling boat assessment. These locations will be re-assessed for collection at the end of the groundwater sampling.
 - All surface water samples that were proposed for free cyanide analysis were collected, as per Modification #9.
 - Roux Associates collected flow data in Cedar Creek.
 - All samples were sent to TestAmerica, Edison, NJ for laboratory analysis.
- Round 3 of Groundwater Monitoring Well Gauging
 - Roux Associates performed a Site-wide gauging event on Tuesday, March 14, 2017. Water levels were collected from 61 of 64 monitoring well locations. Three (3) monitoring wells were determined to be dry or have insufficient water levels to be gauged, including monitoring wells: CFMW-002, CFMW-042, and CFMW-044.
 - Following gauging, Roux Associates removed pressure transducers from their current monitoring well locations and installed them in monitoring well clusters CFMW-016 and 016a, CFMW-019 and 019a, and CFMW-053 and 053a.

SUMMARY OF WORK PLANNED FOR NEXT WEEK / ANTICIPATED SCHEDULE CHANGES

- Planned
 - Roux Associates, with support from Hydrometrics, will begin Round 3 of groundwater sampling on March 20, 2017 and will take approximately two weeks to complete.
- Modifications
 - No modifications to schedule or deviations for Work Plan or Sampling and Analysis Plan

HEALTH AND SAFETY NOTES

Prepared By Mike Ritorto Of Roux Associates, Inc.



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- Personnel from Kennedy Jenks determined that there were unsafe river conditions during the pre-sampling boat assessment. During the assessment, the river current was too strong to safely bring Roux personnel onboard. Additionally, there were large amounts of ice floating in the river that would have caused unsafe conditions. It was decided that the river surface water sample collection will be re-attempted at the end of the groundwater sampling event.
- Roux Associates personnel discussed potential hazards of ice when driving, cold weather when sampling, and use of proper PPE for cold conditions.

OTHER NOTES

- During monitoring well gauging activities, Roux Associates observed that monitoring well CFMW-053 was struck by a snow plow and the casing was damaged. Roux still collected depth to water measurements, but the monitoring well will need to be re-surveyed when the snow melts.

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